Contents of Volume 12

No. 1, August 1990

Flow cytometric detection of yeast by in situ hybridization with a fluorescent ribosomal RNA probe
B. Bertin, O. Broux and M. Van Hoegaerden (France) 1
A simplified rapid method for the removal of iron and other cations from complex media
P. A. G. Domingue, B. Mottle, D. W. Morck, M. R. W. Brown and J. W. Costeron (Canada, UK) 13
Grouping *Fusarium* section *Discolor* isolates by statistical analyses of quantitative high performance liquid chromatographic data on secondary metabolite production
U. Thrane (Denmark) 23
A method for DNA restriction endonuclease fingerprinting of coagulase-negative staphylococci
H. Bialkowska-Hobrzanska, D. Jaskot and O. Hammerberg (Canada) 41
Rapid identification of *Escherichia coli* in monomicrobial urine specimens by a fluorgenic assay
P. C. Döller, W. R. Heizmann and H. Werner (FRG) 51
Plasmid profiles and restriction endonuclease analysis of genomic DNA of *Clavibacter michiganensis* ssp. *michiganensis*
R. L. Finnen, B. N. Dhanvantari and J. T. Trevors (Canada) 57

No. 2, September 1990

A model system derived from marine diatoms for investigating the activity of particle-associated bacteria
P. C. Griffith and M. Fletcher (USA) 65
Ethidium homodimer used for the sensitive measurement of DNA and RNA of a psychrophilic marine bacterium grown at different growth rates during starvation-survival
C. L. Moyer, C. W. Mordy, D. J. Carlson and R. Y. Morita (USA) 75
Purification of an intracellular bacterial β-lactam by affinity chromatography
D. G. Allison (UK) 83
Coaggregation of *Porphyromonas (Bacteriodes) gingivalis*, other species of *Bacteriodes*, and *Actinomyces viscosus:* methodological evaluation
J. Li and R. P. Ellen (Canada) 91
Comparison between the MB check broth, radiometric, and conventional methods for recovery of myobacteria from respiratory specimens
M. Salfinger, B. S. Demchuk and F. M. Kafader (Switzerland) 97
An interlaboratory comparison of physico-chemical methods for studying the surface properties of microorganisms–application to *Streptococcus thermophilus* and *Leuconostoc mesenteroides*
H. J. Busscher, M.-N. Bellon-Fontaine, N. Mozes, H. C. van der Mei, J. Sjollema, A. J. Léonard, P. G. Rouxhet and O. Cerf (Belgium, France, The Netherlands) 101
Use of activated charcoal for the preservation of anaerobic phototrophic and other sensitive bacteria by freeze-drying
K. A. Malik (FRG) 117
A simplified liquid-drying method for the preservation of microorganisms sensitive to freezing and freeze-drying
K. A. Malik (FRG) 125
Rapid purification method of lysostaphin for analysis of cell-wall proteins
M. Sugai, T. Akiyama, Y. Miyake, E. Ishida and H. Suginaka (Japan) 133
An anaerobic nondenaturating gel assay for the detection of azoreductase from anaerobic bacteria
F. Rafii and C. E. Cerniglia (USA) 139
Erratum 141

Nos. 3, 4, December 1990

A comparison of tetrazolium and FDA hydrolysis with other measures of microbial activity
L. C. F. Stubberfield and P. J. A. Shaw (UK) 151
Histological staining of nuclear material in hyphae of *Streptomyces coelicolor* A3(2)
D. I. Gray, G. W. Gooday and J. I. Prosser (UK) 163
A small-scale, three-vessel, continuous culture system for quantitative studies of plant fibre degradation by anaerobic bacteria
Albrecht Kistner and J. H. Kornelius (South Africa) 173
A semi-micro quantitative assay for determination of chitinolytic activity in microorganisms
C. C. Evrall, R. W. Attwell and C. A. Smith (UK) 183
Simultaneous colorimetric determination of thiosulphate and thiocyanate in the culture medium of *Rhizopus oryzae*
R. C. Ray, C. Balagopalan and G. Padmaja (India) 189
Dye-labelled substrates for the assay and detection of chitinase and lysozyme activity
S. J. Wirth and G. A. Wolf (FRG) 197
Isolation and restriction endonuclease analysis of *Gardnerella vaginalis* chromosomal DNA
J. Defalco, J. Cannillo and K. Nath (USA) 207
Preparation of protoplasts from the carrageenophyte *Gigartina corymbifera* (Kütz.) J. Ag. (Rhodophyta)
W. Gross (USA) 217
Analysis of sulfate in sewage sludge using ion chromatographic techniques
S. P. Petersen and B. K. Ahring (Denmark) 225
A novel application of a polarization microscope for the study of microbiological specimens
J. Cao (Australia) 231
Modified most-probable-number technique for the specific determination of *Escherichia coli* from environmental samples using a fluorogenic method
M. C. Balebona, M. A. Morinigo, R. Cornax, J. J. Borrego, V. M. Torregrossa and M. J. Gauthier (France, Italy, Spain) 235
Differentiation of plasmid-containing *Escherichia coli* strains by microcalorimetry
W. Sand, A. Schröter, P. Fortnagel and E. Bock (FRG) 247
Contents of Volume 12 253
Author Index 255
Subject Index 257